



# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 40]

नई दिल्ली, शनिवार, अक्तूबर 5, 1968 (आश्विन 13, 1890)

No. 40]

NEW DELHI, SATURDAY, OCTOBER 5, 1968 (ASVINA 13, 1890)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 5th October 1968

#### CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated 17th August 1968, 31st August 1968 and 7th September 1968 in pages 327 (columns 1 and 2), 343 (column 1) and 351 (column 1) respectively, the heading "Registration of Designs" and along with the matters relating to this heading appearing thereunder should be treated as *deleted*.

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

16th September 1968

- 117678. Eli Lilly and Company. Process for preparing penicillin and penicillin sulfoxide esters.
- 117679. Sumitomo Chemical Company, Ltd. Process for preparing benzodiazepine derivatives. [Addition to No. 115665].
- 117680. Libbey-Owens-Ford Company. Glass bending furnace.
- 117681. Ckd Praha, Oborovy Podnik. A device for varying non-uniformity of a mechanical-hydraulic speed and load governor.
- 117682. V. S. Palepu. Improvements in or relating to grinding machines and the like.
- 117683. Scovill Manufacturing Company. Process for preparing tubeless pneumatic tires for use and means for carrying out the process.
- 117684. Ciba Limited. Water insoluble Azo dyestuffs and process for their manufacture.
- 117685. Ciba Limited. A process for colouring products of high molecular weight with pigments.

L267GI/68

- 117686. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Process for the manufacture of polyvinyl ester dispersions.
- 117687. Boehringer Mannheim GmbH. Improvements in and relating to coating agents for tablets. (26th June 1968).
- 117688. Keystone Limited. Improvements in or relating to apparatus for producing patterned tufted material (20th September 1967).
- 117689. D. V. Russell. Improvements in form lift trucks. (21st September 1967).
- 117690. Societe D'etudes Scientifiques et Industrielles De L'ile-De-France. New fluoro derivatives of the esters of phenoxy isobutyric acid and the process for the preparation thereof.
- 117691. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Animal feed.
- 117692. International Standard Electric Corporation. Improvements in or relating to automatic telephone exchanges. (25th October 1967).
- 117693. N. V. Philips Gloeilampenfabrieken. Fungicidal compositions which contain a sulphonyl- or sulphonyl methylene rhodanide, as the active substance and new sulphonyl- and sulphonyl methylene rhodanides, respectively.
- 117694. Monsanto Chemicals Limited. Improvements in casting. (20th September 1967). [Addition to No. 108823]. [Divisional date 20th September 1967].
- 117695. Mather & Platt Limited. Improvements in or relating to liquid treating apparatus. (20th September 1967).
- 117696. Maschinenfabrik Benninger Ag. A support bearing for a roller rotating in a liquid containing receptacle.
- 117697. Allied Chemical Corporation. Process for the production of magnesium oxide. (16th July 1968).

117698. K. Sakamoto. Improvements in or relating to a method of manufacturing a pictorially illustrated phonograph record. (28th September 1967).
117699. Farbenfabriken Bayer Aktiengesellschaft. 2-halo-methyl-3-carboxylic acid amido-quinoline-1, 4-di-N-oxides.
117700. Hepworth and Grandage Limited. Metal casting process.
117701. C. I. S. Rao. Separation steam volatile aromatic oils from raw materials.
117702. C. I. S. Rao. Recovery of aromatic oils from the aqueous condensate obtained by steam distillation of aromatic oils.
117703. V. R. G. Janardhanan. Improvements in or relating to devices for ploughing land and the like.
117704. Chandan Metal Products Private Limited. Improvements in or relating to stacking bins.
117705. C. R. Samuel. Compact evaporative cooling room air conditioner.  
17th September 1968
117706. I. D. Lakhani. Neck-rest for automobile seats and the like.
117707. B. Barthakur. Vertical cone rice polisher with paddy husks.
117708. B. Barthakur. Conical pulverisor for wheat and other grains.
117709. B. Barthakur. Holder for tram, bus and other thin tickets.
117710. B. Barthakur. Trough and vane conveyor.
117711. B. Barthakur. Conical oil extractor.
117712. M. Munshi. Domestic machine for making puries and bhakaris (hand operated).
117713. M. S. Parkhe and N. S. Sadavarte. The manufacture of bleached grease proof grade paper pulp exclusively from bamboo by the neutral sulphite process.
117714. T. A. K. Kumar. Incandescent filament vacuum or gas filled lamp with two or more filaments of the same wattage or of different wattages and with bulb holder to suit the arrangement.
117715. Unilever Limited. Furanone synthesis.
117716. The Dunlop Company Limited. Polyisoprene rubber (19th September 1967).
117717. Ranney International S. A. Digging head for water collector pipe.
117718. J. R. Geigy A. G. Process for the production of new ureas as well as new methenopentalene derivatives serving as starting materials and the use of the new ureas as herbicides.
117719. Aktiebolaget Kamyr. Method and plant for common digestion of two differently pretreated fractions of wood chips.
117720. American Home Products Corporation. Penicillin preparation.
117721. J. A. J. M. Duijndam. Cylindrical cold-twisted bar for reinforcing concrete.
117722. Imperial Chemical Industries Limited. Pharmaceutical compositions. (27th September 1967) [Addition to No. 101358].
117723. Imperial Chemical Industries Limited. Stabilisers for polymeric compositions (27th September 1967).
117724. F. I. Du Pont De Nemours and Company. Process apparatus and product.
117725. Combustion Engineering, Inc. Fuel assembly.
117726. Chisso Corporation. Block copolymer and method for producing same.
117727. Merck & Co., Inc. Process for the preparation of pyrazinami doguanidines.
117728. Koninklijke Nederlandsche Glazen Spiritusfabriek N. V. Process for the preparation of 6-aminopenicillanic acid [Addition to No. 110383].
117729. Pilkington Brothers Limited. Improvements in and relating to apparatus for controlling the supply of liquid fuel to burners (21st September 1967).
117730. Veb. Verpackungs-Und Schokoladenmaschinen Dresden. Bag-filling and closing machine.
117731. Veb. Verpackungs-Und Schokoladenmaschinen Dresden. Folding device.
117732. The Cementation Company Limited. Improvements in or relating to a grout injection lance. (26th September 1967).
117733. National Distillers and Chemical Corporation. Process for the manufacture of synthetic rubbers and apparatus.
117734. Ciba Limited. Process for the manufacture of cystine-containing peptides.
117735. Lepetit S. p. A. Steroido-oxazolines and process for their preparation [Divisional date 10th January 1967].
117736. Lepetit S. p. A. Steroido-oxazolines and process for their preparation. [Divisional date 10th January 1967].  
18th September 1968
117737. G. D. Lakhani. Novel hand lamp.
117738. M/s. Karamchand Premchand Private Limited. Process for the preparation of benzodiazinone derivatives.
117739. M. M. Kunhi. Multi gauge.
117740. Wyandotte Chemicals Corporation. Physiological salt solutions of ethylene oxide-polypropylene glycol condensation products.
117741. The Goodyear Tire & Rubber Company. Improvements in a flexible container and method of making.
117742. Farbenfabriken Bayer Aktiengesellschaft. 2-methyl-3-carboxylic acid amido-quinoline-1, 4-di-N-oxides.
117743. Farbenfabriken Bayer Aktiengesellschaft. 2-methyl-3-amidino-quinoline-di-N-oxides-(1.4) substituted on the amidinenitrogen.
117744. Farbenfabriken Bayer Aktiengesellschaft. 2-isothiuronium-methyl-3-carboxylic acid amido-quinoline-1, 4-di-N-oxide halides.
117745. Farbenfabriken Bayer Aktiengesellschaft. 3-carboxylic acid amido-quinoline-1, 4-di-N-oxides.
117746. Farbenfabriken Bayer Aktiengesellschaft. New 2-aminonaphthoquinone derivatives.
117747. United States Steel Corporation. Improved electroplating bath, process of using the same and product thereof.
117748. The International Nickel Company, Inc. Method of preparing alloys. [Divisional date 15th March 1967].
117749. N. V. Philips Gloeilampenfabrieken. Circuit arrangement comprising switching means for periodically interrupting a current supplied to an induction coil.
117750. Ciba Limited. Process for the continuous dyeing of hydrophobic textile materials.
117751. Ciba Limited. Process for the manufacture of active peptides.
117752. John Heathcoat and Company Limited. Yarn crinkling machine. (20th September 1967). [Addition to No. 100363].
117753. C. J. Industries (Lnl). Improvements in or relating to spinning tops.  
19th September 1968
117754. Unilever Limited. Edible products (22nd September 1967).

- 117755 Gruppo Lepetit S p A New pharmacological compounds, (25th September 1967)
- 117756 Ciba Limited Manufacture of new pteridines
- 117757 May & Baker Limited Process for the preparation of hydroxybenzonitriles (21st September 1967)
- 117758 The Goodyear Tire & Rubber Company Improvements in pneumatic tire
- 117759 Universal Oil Products Company Distillation process
- 117760 British Insulated Callender's Cables Limited Improvements in or relating to electric cables, (22nd September 1967).
- 117761 Imperial Metal Industries (Kynoch) Limited Improvements in or relating to electrodes (26th September 1967)
- 117762 V G Gokhale Improvements in or relating to light weight space truss guides for roof, floors or the like
- 117763 V G Gokhale Improvements in or relating to method of fabrication of space frame type light weight truss guide
- 117764 Československý Institut Pro Uzemné Planovanie Meliorating arrangement for reclaiming of deep sands in and areas on the principle of large area hydropony
- 117765 Madan Mohan & Brothers Lock particularly for safety devices for cars and like purposes
- 117766 General Aniline & Film Corporation Slide projector and magazine therefor [Divisional date 10th May 1967]
- 20th September 1968
- 117767 The Best Rubber Stamp Mfg. Company Improvements in or relating to adjustable revolving date stamps
- 117768 Inventa A G Für Forschung Und Patentverwertung A method of preparing high molecular linear polyester
- 117769 Veb Optima Büromaschinenwerk Erfurt Speed governor for the movement of the carriage of typewriters and like business machines
- 117770 Gosudarstvennoe Spetsialnoe Konstruktorskoe Biuro Po Mashinam Dlya Transportovki Sushki. Machine for processing haulms of ambary into green bast
- 117771 Glaverbel Improvements in or relating to a process and apparatus for the manufacture of glass in sheet form by drawing
- 117772 Maschinenfabrik Benninge AG An apparatus for a rewinding machine for controlling a regulator for the automatic regulation of the drive means driving the winding rollers
- 117773 National Lead Company Electrolytic production of magnesium metal [Divisional date 15th December 1967]
- 117774 Hopkins and Williams Limited Improvements in the purification of solid chemical substances (27th September 1967)
- 117775 American Flange & Manufacturing Co., Inc Method and apparatus for applying closures to containers
- 117776 Sandoz Ltd Improvements in or relating to organic compounds (22nd September 1967)
- 117777 The Wellcome Foundation Limited Therapeutic salts (22nd September 1967)
- 117778 A Kogan Improvements in heat and/or mass transfer

## Alteration of Date

- 116554 Antedated to 12th December 1966 under Section 5 of the Act

## Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings if any can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78 A of the Act.

- 108295 Siemens Aktiengesellschaft Improvements in or relating to transmission circuit arrangements (10th August 1966). Accepted on 5th September 1968

*Comprises a carrier frequency generators control means for selectively energise one of said generator and de energise the other.*

- 108342 National Bulk Carriers Inc Diag and diaghead Accepted on 7th September 1968

*Comprising a first and second hollow cylinder, both having axially spaced and angularly alignable apertures and driving means to produce relative rotation between the cylinder to align certain of the apertures.*

- 108380 J C Sharma A device for testing receiver sets. Accepted on 12th September 1968

*Comprises a harmonic generator, a filter network consisting of audio filter a resonant filter and a switching arrangement.*

- 108410 N V Philips Gloeilampenfabrieken Improvements in and relating to novel 4-dimethylaminomethyl-phenyl-n-methylcarbamates and methods of producing the same. Accepted on 12th September 1968

*Characterised in that a compound of formula  $(CH_3)_2NCH_2-C_6H_4-(X)(Y)$ , (OH), Where X and Y = some specific alkyl groups is reacted with methyl isocyanate.*

- 108437 Council of Scientific and Industrial Research A process for the manufacture of activated carbon for removal of fluoride from drinking water. Accepted on 13th September 1968

*Characterised in that carbon is impregnated with alum solution and the pH of the alum solution is adjusted to about 3.9.*

- 108584 M Ladney Jr Improvements in article spray painting or coating apparatus and methods. Accepted on 16th September 1968

*Includes a spray booth a conveyor mechanism a first support spaced up stream a marking tape, a second support, and guide means.*

- 108684 Monsanto Company Improvements in or relating to the inhibition of the premature vulcanisation of rubber. Accepted on 18th September 1968

*Characterised in that there is incorporated in the composition a compound of formula  $R-S-N(X)X'$ , wherein X and X' = cycloalkyl, alkyl, aryl, alkaryl or aralkyl or X & X' together with N are  $-NH$ ,  $CH_2$ ,  $CH$ ,  $NH-S$ —morpholine, alkyl morpholine or a piperazine deriv. of formula  $-N.C_4H_8-S-S$  and R=alkyl, cycloalkyl, aralkyl, aryl, or alkaryl.*

- 108842 Sealed Power Corporation. Improvements in or relating to oil ring assemblies. Accepted on 17th September 1968.

*For use in oil groove of a piston of reciprocating type of internal combustion engines, comprising a pair of rings for engaging cylinder and annular expander spacer means for biasing the rings outwardly against wall of the cylinder and disposal axially between the rings for slidably supporting the rings in spaced relative adjacent the associated side walls of the oil grooves.*

108978. The Dunlop Company Limited formerly known as Dunlop Rubber Company Limited. Textile fabrics made of fibrillar material and process for producing the same. (1st February 1966). Accepted on 12th September 1968.

*At least some of the threads or yarns of which one of which are of fibrillar thermoplastic material.*

108983. Dynamit Nobel Aktiengesellschaft. Process for the manufacture of hardenable synthetic resins. Accepted on 13th September 1968.

*Comprises in forming a solution of boron oxide and phenolic compound, admixing the solution with solution with formaldehyde and heating the resulting mixture to effect resinification.*

- 109032 Combustion Engineering, Inc. Generator for heat and a method of converting high moisture fuel into combustion gases and ash by said generator. Accepted on 17th September 1968.

*Includes a furnace with a combustion chamber, atleast one burner and a pipe line to convey fuel, means for introducing primary and secondary air into combustion chamber, an air compressor to deliver compressed primary air for carrying metered fuel through pipeline and delivering it directly into associated burner.*

109160. Halcon International, Inc. Improvement in a process for the separation of ethylene oxide from an aqueous solution thereof with formaldehyde. Accepted on 18th September 1968.

*Comprising subjecting said solution to distillation to obtain ethylene oxide contaminated by formaldehyde as an overhead vapour.*

109261. Frick Company. Drive mechanism for foraminous flexible metallic conveyor belts. Accepted on 13th September 1968.

*Comprising a drive roller having a smooth resilient surface, at least one idler roller and one tensioning roller.*

- 109301 Moskovsky ordena Lenina i ordena Trudoyogo Krasnogo Znameni institut inzhenerov zheleznodorozhnogo transporta. Improvements in or relating to brake rigging for a three-bogie composite railway car. Accepted on 16th September 1968.

*Characterised in that one of the ends of a guide bar is articulated to a rear cover and the other to a horizontal lever which is capable of transmitting the force to the brake shoes of the third and the second horizontal lever being connected to the first lever.*

109380. Vandervell Products Limited. Improvements in or relating to composite metal bearing strips. (23rd February 1966). Accepted on 17th September 1968.

*Comprising applying as a coating an alloy containing copper and lead in a reducing atmosphere onto a steel backing strip at 1000–1200°C, cooling the thus coated backing strip to 20°C, machining and rolling the coating, melting an alloy containing lead and tellurium, heating in a reducing atmosphere the backing strip with the coating of copper lead alloy to a temperature between melting points of copper lead alloy and lead tellurium alloy, applying the melted alloy onto the coating of lead and copper, thereafter coating the backing strip to room temperature and mechanically removing the lead tellurium alloy surface.*

109399. W. C. Heraeus GmbH. Composite metal compacts for electrical contacts. Accepted on 17th September 1968.

*Between the base layer and the contact layer of palladium silver alloy, an intermediate layer is provided of gold or of noble metal.*

109432. Rohm and Haas Company. Process for the production of a plastics laminate and a laminate produced thereby. Accepted on 18th September 1968.

*Comprising a plastics sheet or other substrate having laminated on at least one surface thereof an opaque film of a pigmented filled or dyed, multi stage heterogeneous, sequentially polymerized copolymer containing at least four separately polymerized stages.*

109635. Aqua-Iec Corporation. A liquid pump of the pulsed discharge type and its use in a dental apparatus. Accepted on 9th September 1968.

*Comprising a housing having a pump chamber and a detachable cover enclosing the housing which can be inverted and positioned over the housing to act as liquid container in communication with the chamber.*

109645. Matsushita Electronics Corporation. Electrical apparatus having semiconductor devices therein. Accepted on 10th September 1968.

*Comprises a channel of one conductivity a source electrode a drain electrode and at least two insulated gate electrodes distributed between said source and drain electrodes.*

109674. Matsushita Electronics Corporation. Manufacturing method of semiconductor devices. Accepted on 13th September 1968.

*Comprises forming a schottky barrier, at the interface between a metal selected from the group of tungsten and molybdenum, and a semiconductor by depositing.*

109675. Matsushita Electronics Corporation. Insulated-gate field-effect transistor free from permanent breakdown. Accepted on 13th September 1968.

*Comprises source and drain regions of a different conductivity type formed in wafer, a gate disposed on said wafer with an insulator layer and a separate region having different conductivity is provided in said wafer.*

109678. Matsushita Electronics Corporation. A method for forming electrode in semiconductor devices. Accepted on 13th September 1968.

*Having a semiconductor substrate having a surface impurity concentration over  $10^{18}\text{cm}^{-3}$  to a temperature not greater than 500°C, depositing a film metal by hydrogen reduction.*

109708. Council of Scientific and Industrial Research. Improvements in or relating to the process for the manufacture of light constructional material such as hard boards, laminates, blocks or the like. Accepted on 16th September 1968.

*Characterised in that a resin prepared from crude tar acids boiling upto 270°C is being applied as a water solution on the raw material.*

109709. Council of Scientific and Industrial Research. Improvement in or relating to the process for the preparation of a resin from tar oil fractions. Accepted on 16th September 1968.

*Characterised in that the reduction is conducted by heating the mixture at reduced pressure and then tendered completely miscible with water by the addition of caustic soda.*

109716. P. G. Bhide. Improvements relating to a coin box [Addition to No. 77849]. Accepted on 16th September 1968.

Wherein the lever arm and the strip connected thereto are so arranged that when the electromagnet is energised the armature is drawn in against the spring and causing strip to move away from the coin compartment and when electromagnet is de-energised the spring tending to return to its original condition actuated the strip through the lever arm to strike the coin out of the coin compartment.

109719. Glanzstoff A. G. Process for obtaining carbon disulphide from triethane. (5th April 1966). Accepted on 13th September 1968.

*Reacting triethane at 180 - 250 °C with molten sulphur.*

109720. Glanzstoff A. G. Process for obtaining carbon disulphide from triethane. (31st October 1966). [Addition to No. 109719]. Accepted on 13th September 1968.

*Reacting triethane with molten sulphur at 180 and 250 °C in presence of an anhydrous catalyst.*

10730. R. Pyzel. Refractory grid and method of making same. Accepted on 16th September 1968.

*Positioning a suitable form comprising a circular ring and a curved plate underneath a treatment chamber of a reactor placing partition members with the confines of the ring, pouring a castable material into alternate sections, allowing the material to harden, removing partition members and pouring castable material into remaining section directly against already hardened refractory material and allowing the remaining sections to harden.*

10736. Astro Dye Works Inc. Method of dyeing textile material. Accepted on 16th September 1968.

*Comprises subjecting the dyed yarn to electromagnetic energy within the microwave range followed by rinsing, coating and drying.*

10742. Chevron Research Company. High-strength container having seamless bottom walls, and method of forming same. Accepted on 16th September 1968.

*Comprising a body member, a top closure engaging an upper edge of said body member, and a seamless bottom wall engaging a lower edge of said body member.*

109757. Societe Fives Lille-Cail. Improvements relating to hoists. Accepted on 16th September 1968.

*A hoist comprising a frame, a rotatable and axially movable drum on which is wound a cable supporting a load, axial displacement of the drum is linked to its rotation and a damping device responsive to the rotation.*

109762. United States Steel Corporation. A method of continuous casting and an apparatus for carrying out the method. Accepted on 16th September 1968.

*Including measuring the bulges in a continuous metal casting comprising mechanically detecting variations in the surface contours of opposite surfaces of the unconfined casting, obtaining the algebraic sum of the detected variations, comparing said sum to a pre-determined value, and producing a signal in response to a sum of variations in excess of said predetermined value, to indicate a bulge.*

109765. Oetlikon-Buhle Holding Ag. Automatic compressed-air brake. Accepted on 16th September 1968.

*Having a drivers brake valve with a charging pulse producing member and means provided for preventing a charging pulse during the electro-pneumatic operation of the brake.*

109790. Montecatini Edison S.p.A. Coated polyolefine films and a process for their preparation. Accepted on 13th September 1968.

*Made of polyolefine film support and of a two layer coating the intermediate layer consisting of a polymeric aminocompound and the second one consisting a three-component mixture containing epoxy-resin, a vinyl polymer and a polymer selected from polyalkylacrylates polyalkylmethacrylates and copolymers thereof*

109800. General Electric Company. Contact pin and manufacture thereof. Accepted on 13th September 1968.

*An electrical contact pin having a transverse V-shaped notch at one end and a generally compound tapering surface at the other end.*

109833. FMC Corporation. Coatings of microcrystalline collagen. Accepted on 18th September 1968.

*Comprises an water insoluble salt of collagen.*

109849. N. Patel. Improvements in or relating to upholstery springs and to a method and apparatus for manufacturing the same. Accepted on 19th September 1968.

*Having a spring which is a flattened coil spring with an inclination to the horizontal plane between 30—50°.*

109850. N. Patel. Improvements in or relating to cots, settees or like furniture. Accepted on 19th September 1968.

*Comprises in combination a frame member made up of atleast three sections, two end sections and a middle section in between, the middle section being joined to end of the two end section by hinge members of pivotally mounted leg member.*

109872. Ciba Limited. Process for the hardening of gelatine. Accepted on 13th September 1968.

*Comprises reacting gelatine with a compound of formula  $R_1CO.NH.SO_2.NH.CO.R_2$  wherein  $R_1$  and  $R_2$  = a residue containing 1 to 12 'C'-atoms bound to CO by a hetero-atom (e.g. O, N, S, etc.) and the residue being capable of reacting with a compound containing mobile H atom with formation of homopolar bonds.*

109916. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Fire-resisting doors. Accepted on 17th September 1968.

*A fire resisting door which is provided along edges or in frame rabbet with alternate layers of strip of alkali metal silicate and a layer of material having good thermal conductivity.*

109940. General Electric Company. High pressure saturated vapor sodium lamp containing mercury. Accepted on 13th September 1968.

*Comprising a tubular elongated envelope of material resistant to the attack of sodium vapour at high temperatures, a pair of electrodes sealed into opposite ends, an ionizable medium within said envelope comprising an inert starting gas and a quantity of a sodium-mercury amalgam in excess of that vaporized in operation of said lamp.*

110177. Council of Scientific & Industrial Research. A process for treating cellulose textile materials and products thereof. Accepted on 17th September 1968.

*Consists in the reaction of textiles with epihalohydrin compounds and fatty acid halide of eight carbon compounds.*

110189. Facit, Ab. Improvements in power-operated calculating machines. Accepted on 17th September 1968.

*Characterized by the provision in or at the machine of a control mechanism comprising a number of schedule bars which may be activated by the influence of one or more operation keys to be shifted into engagement with abutment means a number of preferably spring loaded sensing members to be brought into engagement with an activated schedule bar.*

110280. De Vlieg Machine Company. Tool handling mechanism and tool for use therewith. (15th December 1966). Accepted on 17th September 1968.

*Having a shank adapted to be received in the drive spindle of a machine tool and a radially extending peripheral flange provided with first recess means operable to receive the drive key of a drive spindle and second recess means including radially inwardly extending opening means*

110282. Institut Dr. Ing. Reinhard Straumann A. G. Methods of making structural materials having a low temperature coefficient of the modulus of elasticity. Accepted on 18th September 1968.

*Characterised by the fact that the components of the alloys are so selected that the alloy exhibits at atomic paramagnetic susceptibility  $> 50 \cdot 10^6$  cm E/g-atom at room temperature and a negative temperature coefficient of the susceptibility.*

- 110415 Coventry Gauge & Tool Company Limited. Fluid pressure actuated clutch operating mechanism (29th April 1966). Accepted on 17th September 1968.

*Comprises an inner wall of an annular cylinder provided by a race of the bearing means by which the cylinder is mounted on the hub for relative rotation of the latter.*

110526. Rajinder Kumar Gupta. Process and furnace for the manufacture of pine tar. Accepted on 18th September 1968.

*Characterised in the burning and distillation and distillation are carried out in a closed kiln under controlled supply of air.*

110761. Foreco International Limited Fibre-containing heat-insulating compositions. [Addition to No 108788]. Accepted on 18th September 1968.

*Which comprises mixing together a granular or powdered refractory material, inorganic fibrous material, a proportion of a foaming agent and a binding agent.*

110875. Council of Scientific and Industrial Research. A new anode design for use in primary wet cells. Accepted on 13th September 1968.

*Characterised in that the rod tapers downwards and ends in a disc and has provisions for electrical connections at the upper end.*

- 111213 Council of Scientific and Industrial Research. A nodulizer. Accepted on 18th September 1968.

*Comprising a nodular pan, a feeder hoppers a water sprayer and an automatic scraper characterised by having two water sprayers and that the scraper being placed midway between two sprayers.*

111448. R. G. DePenning Nickel compounds, and their use as nematocides. Accepted on 19th September 1968.

*Comprising nickel morpholine dithiocarbamate together with an inert solid nematocide carrier.*

111600. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of foamed materials. Accepted on 16th September 1968.

*Comprises adding to the copolymerisable mixture consisting of unsaturated polystyrene an organic peroxide an accelerator a carbonic acid anhydride, and a compound of bi- or polyvalent metal of 2nd or 4th main and auxiliary group or of the 3rd, 5th, 6th or 7th auxiliary group of periodic system also including compounds of rare earths, Cu, Fe or Co.*

111706. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Compositions containing polymers or copolymers of propylene and shaped articles thereof capable of being electro-coated. Accepted on 17th September 1968.

*Comprises polypropylene or copolymers of polypropylene and 10 to 50% by weight of zinc oxide and/or zinc sulfide for preparing articles to be electro-coated.*

- 111858 Amsted Industries Incorporated. Composition for making refractory articles. Accepted on 17th September 1968.

*Comprising a mixture of dry ingredient and a colloidal silicon solution, said dry ingredients consisting of tubular alumina, calcined alumina, alpha quartz, fused magnesium oxide, fuslon product consisting essentially unstabilized monoclinic zirconia, silica, alumina.*

111965. Shell Internationale Research Maatschappij N. V. Removal of acidic gases from gaseous mixtures. (17th August 1966). Accepted on 16th September 1968.

*Comprises treating the gaseous mixture with a liquid mixture containing at least one amine and one dialkyl sulphoxide.*

112120. Dorr-Oliver Incorporated. Filter and method of filtering. (31st August 1966). Accepted on 18th September 1968.

*Comprising a movable porous filter surface formed in a number of alternate parallel ridges and furrows, means for applying a suspension to be filtered to a portion of the surface passing through a filtering region.*

112280. North American Rockwell Corporation. Friction welded drive shaft and method. Accepted on 17th September 1968.

*A drive axle shaft for motor vehicles wherein the wheel attaching flange is integrally combined with the axle shaft by a novel welding method.*

- 112301 Council of Scientific and Industrial Research. Emulsion paint vehicles from styrenated copolymers of drying and semidrying oils. Accepted on 16th September 1968.

*Characterised in that the emulsion vehicle is prepared by mixing 80-130 parts of an oil phase [consisting mainly of styrenated copolymers of drying and semidrying oils] and 100-150 parts of water phase consisting of anionic surfactant, buffer, preservative, disperser and  $\text{NH}_3$  and to the mixer is added an antifoaming agent and then homogenised to a particle size  $< 5$  microns — the pH being maintained at 8 to 10.*

- 112328 Chemical Construction Corporation. Process for removing impurities from crude high pressure hydrogen and hydrogen purified by said process. Accepted on 16th September 1968.

*Crude hydrogen is scrubbed under elevated pressure with an aqueous solution of triethanolamine, the aqueous solution pressure is reduced is at least the stages to separate in turn a hydrogen rich gas phase*

- 112481 Dipl.-Ing. H. B. Boysenlepen. Carding engines. Accepted on 16th September 1968.

*Characterised in that the drum is rotatably mounted on a stationary shaft by means of self aligning bearings.*

- 112539 Universal Oil Products Company. Hydrocarbon reforming Process. Accepted on 17th September 1968.

*Where in charge stock is reformed in the presence of hydrogen and in contact with a catalytic composite containing a platinum group metallic component, a halogen component and alumina component a sulphur component and an iron component.*

- 112600 L'Or Research and Engineering Company. Silicone treated iron products and method for their preparation. Accepted on 17th September 1968.

Characterized by contacting the exterior surface of the metal with a liquid containing a dimetallo-substituted organo-silane diol to form a film, and thence reacting the film with moisture and carbon dioxide to cure same and to form a resinous material.

112890. Freadwell Corporation. Process and apparatus for recovering sulphur dioxide from combustion gas. Accepted on 19th September 1968.

Comprises cooling the combustion gas and passing the cooled gas at atmosphere pressure and ambient temperature to an absorbing zone and removing from the zone a dilute aqueous sulfur dioxide solution and then passing the solution to a gas recovery flash zone and collecting the flash zone gas and moisture vapour to separate it from gas thereby recovering sulfur dioxide gas.

- 113008 Westinghouse Air Brake Company. Fluid pressure brake control valve apparatus with selective direct or graduated release function. Accepted on 17th September 1968.

A brake control valve device, for railway Cars of direct release type having a new and improved graduated release valve device.

- 113123 K. Uehara, Shinko Wire Company, Limited and Aluma Kogyo Company, Limited. Continuous hot dip aluminizing method by means of water-soluble flux. Accepted on 17th September 1968.

Dipping cleaned wires or strips in the solution of flux which is composed of ammonium fluoride, or its compound and potassium fluoride as the main components with addition of water soluble chlorides of alkali metals and then dipping into molten aluminium.

113138. The Goodyear Tire & Rubber Company. Improvements in shock absorber. Accepted on 16th September 1968.

Comprising a cured polyurethane material characterized by deflecting from about 0.4 to about 0.5 inches up on the application of pressure of about "1800 lb/□". The material is cylindrical in shape with circular parallel end surfaces having dia 6.5", ht. 1.5" and a side wall connecting the said end surfaces in the form of a V-shaped groove having equal length sides.

- 113315 M. A. Vaidya and Mrs. Kamalabai Mahadeo Vaidya. Automatic reversing gear for hand operated washing machine for earments. Accepted on 13th September 1968.

Two pinions of same size and shape and mounted on same shaft face to face and so spaced as to be engaged with a gear wheel which has its consecutive teeth from a little more than half its perimeter removed to their roots and which engages alternately the pinions.

113448. Combustion Engineering, Inc. Apparatus for mixing high pressure fluids. Accepted on 17th September 1968.

A fluid mixing apparatus wherein two high pressure fluids having substantially different temperature can be mixed.

113530. Calumet & Hecla, Inc. Improved configuration of heat transfer tubing for vapor condensation and method and apparatus for manufacturing the same. Accepted on 16th September 1968.

Multiple separate radially outwardly extending fin convolutions extending around the tube exteriorly thereof leaving a corresponding multiplicity of external groove convolutions intermediate the fin convolutions, radially inwardly extending rib convolutions, the axial spacing between adjacent internal rib convolutions being greater than the axial spacing between adjacent fin convolutions at the exterior of said tube.

- 113543 Cardwell Westinghouse Company. Two way automatic slack adjuster. Accepted on 17th September 1968.

A two way automatic slack adjuster where the brake adjuster is arranged to provide twenty four inches of travel and thus specially adapted for top rod applications.

113620. The Fertilisers and Chemicals Travancore Limited. Process for manufacturing synthetic cryolite from alkali silicofluoride. Accepted on 16th September 1968.

Comprises adding ammonia to alkali silicofluoride in water, filtering off silica, heating adjusting pH = 7 adding aluminium chloride or sulphate.

113766. Tezuka Kosan Kabushiki-Kaisha. A scrap-Metal compressor. Accepted on 16th September 1968.

Comprising an elongated compressor casing, a pressure plate slidably disposed within said casing, a pressure receiver removably attached to one end of said casing and a plurality of reciprocable ram means traversing said pressure receiver and energizable for applying a compressive force.

113832. Dr. W. Schick. Pin-type insulator. [Addition to No. 74464]. Accepted on 13th September 1968.

Improvement of the invention claimed in Indian Patent Specification No 74464 and is characterized in that the two lateral grooves are made under cut for at least a portion of their extent.

- 114015 K. Hertel. Improved copying face grinding machine. Accepted on 19th September 1968.

Comprises in combination means for supporting a grinding wheel, an adjustable arm rigidly connecting a ball joint and a bearing plane, a swivel arm having one end mounted on the ball joint and adapted to carry at the other end a working template having the nose angle of the tool to be ground and engageable with the bearing plane.

- 114052 K. Hertel. Improved tool holder. Accepted on 17th September 1968.

A clamping tool holder having a recess for supportingly receiving a cutting member or tool.

- 114077 Gelenkwellenbau Gesellschaft Mit Beschränkter Haftung. Cageless roller bearing for the spider trunnions of universal joints or the like. Accepted on 17th September 1968.

Cageless roller bearing for the spider trunnions of universal joints or other journals which carry out only small to and fro rotary movements, and characterised in that an elastically yieldable ring is provided at each of the two ends of this cageless bearing.

114259. S. Jain, C. Srimal and K. R. Parekh. An assembly of tumblers. Accepted on 13th September 1968.

Each tumbler is of tapering shape and has at its mouth a raised band of uniform diameter both at the inside and outside along the height of the band and in their assembled position rest with the band of upper tumbler resting on the band of the lower one and a cap of uniform diameter throughout and having one or more constraining projections at its inside is fitted to cover the bands of nested tumblers.

- 114305 Heinrich Benzing. Guard plate consisting of plastic material. Accepted on 17th September 1968.

A guard plate consisting of plastic material, and in particular to a bicycle mudguard or the like having at least one embedded metal insert.

- 114501 Dr. G. P. Palnitkar. A novel device for raising or lowering the window panes of automobiles and the like. Accepted on 17th September 1968.

A device for raising or lowering the window panes of automobiles and a like consisting of a rack and pinion arrangement, the said pinion being driven by electric motor which is reversible in operation.

114545. Saunders Valve Company Limited. A method of making and/or finishing a ball valve seating ring. (20th February 1967). Accepted on 13th September 1968.

*Comprises positioning the moulded seating ring in a jig presenting to the ring spherical and cylindrical surfaces and compressing the ring axially to cause cold-flow of the material into contact with jig surface*

116554. N. V. Philips' Gloeilampenfabrieken. Pesticidal compositions containing phenyl-n-methylcarbamate derivatives. [Divisional date 12th December 1966]. Accepted on 12th September 1968.

*Composition containing 4-dimethylamino ethyl phenyl-n-methylcarbamates or salts thereof as active ingredient.*

#### Amendment Proceedings

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Deseret Pharmaceutical Company, Inc., a corporation of the State of Utah, United States of America, having their principal offices at 19 East Oakland Avenue, Salt Lake City, Utah, United States of America, seek leave to amend the claims in the specification in respect of the patent application No. 105152. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office on payment of the usual charges.

#### Renewal Fees Paid

50349.	51722.	52928.	52971.	53086.	53132.	53237.	53355.
53431.	53461.	55508.	55545.	55622.	55654.	55691.	55743.
55750.	55777.	55947.	57562.	58307.	58565.	58632.	58729.
58748.	58753.	58767.	58777.	58781.	58912.	61835.	62028.
62044.	62068.	62078.	62147.	62176.	62205.	62206.	62630.
62631.	63005.	64530.	65357.	65361.	65449.	65468.	65478.
65492.	65526.	65579.	65580.	65590.	65650.	65654.	65661.
65726.	65732.	66185.	67185.	69236.	69254.	69317.	69356.
69390.	69528.	69555.	70103.	72381.	72556.	72948.	73259.
73528.	73529.	73573.	73644.	73663.	73720.	73726.	73760.
73903.	73914.	73974.	74038.	74052.	74053.	74068.	74078.
74079.	74168.	74210.	74292.	74471.	76339.	77293.	77700.
78022.	78463.	78547.	78581.	78692.	78708.	78792.	78798.
78814.	78823.	78824.	78876.	78877.	78878.	78926.	78933.
78940.	78948.	78949.	78965.	79080.	79306.	79381.	79487.
79510.	79523.	79575.	79579.	79896.	79897.	80351.	82859.
84039.	84255.	84283.	84364.	84393.	84398.	84428.	84441.
84442.	84480.	84494.	84512.	84540.	84551.	84592.	84599.
84615.	84619.	84629.	84689.	84746.	84765.	84766.	84776.
84884.	84891.	84893.	84924.	85081.	85156.	85178.	85275.
85365.	85428.	85433.	85727.	87617.	88686.	89908.	89916.
90018.	90031.	90094.	90127.	90148.	90170.	90212.	90213.
90225.	90252.	90361.	90371.	90374.	90484.	90531.	90532.
90541.	90542.	90557.	90559.	90644.	90645.	90669.	90688.
90759.	90772.	90779.	90841.	90849.	90947.	90963.	90990.
90994.	90995.	90996.	91139.	91413.	91414.	92583.	93317.
93318.	93778.	95359.	95414.	95683.	95712.	95811.	95856.
95868.	95888.	95889.	95890.	95900.	95903.	95905.	95933.
95961.	95982.	96001.	96002.	96012.	96040.	96044.	96049.

96050.	96069.	96080.	96081.	96087.	96093.	96115.	96124.
96143.	96151.	96156.	96157.	96174.	96181.	96186.	96198.
96271.	96275.	96294.	96295.	96297.	96301.	96335.	96351.
96371.	96424.	96446.	96448.	96504.	96521.	96531.	96705.
96734.	96863.	96864.	96913.	97078.	97222.	97441.	97467.
98458.	99548.	99554.	101143.	101144.	101145.	101146.	
101147.	101148.	101149.	101555.	101568.	101896.	101964.	
102270.	102546.	104908.	106141.	106142.	106334.	106397.	

#### Extension of the Term of Patents

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911 for the extension of the term of Patent No. 48100 for "Portable auto-lift hydraulic hammer pressure operated pumps" has been left at the Patent Office by Goswami, Gajanan Puri, Superintending Engineer E/M. Tube wells Directorate, Bhopal, M.P. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta-17. Any person desirous of opposing the grant of extension of the term of this patent shall within two months from the date of this notification lodge with the Controller of Patents and Designs at the above address, a notice on Form 6 of the Indian Patents and Designs Rules, 1933 and shall at the same time serve a copy of such notice upon petitioner to his above address.

#### Cessation of Patents

41482.	43218.	45263.	47397.	47420.	49654.	49661.	49662.
51565.	52032.	52047.	52052.	52053.	52059.	52067.	53077.
53294.	53515.	54610.	54615.	54630.	54647.	57456.	57457.
57458.	57469.	57470.	57483.	57487.	57490.	57497.	57502.
57507.	57509.	57514.	57516.	60667.	60678.	60681.	60682.
60685.	60693.	60706.	62042.	64230.	64258.	64259.	64260.
64264.	64265.	64272.	64274.	64275.	64279.	64280.	64283.
64286.	64288.	64289.	64975.	67863.	67873.	67874.	67879.
67880.	67886.	67899.	67903.	67904.	67905.	67916.	67917.
67918.	67922.	67924.	67925.	71977.	71981.	71984.	71985.
71986.	71987.	71991.	71992.	71997.	72002.	72012.	72020.
72025.	72031.	72033.	72034.	72039.	72047.	72049.	72050.
72055.	72056.	72057.	72066.	72067.	72069.	72070.	72072.
72077.	72082.	72086.	76887.	76889.	76893.	76901.	76902.
76905.	76906.	76908.	76913.	76926.	76933.	76935.	76937.
76939.	76943.	76944.	76945.	76947.	76949.	76950.	76951.
76952.	76953.	76955.	76957.	76960.	76961.	76962.	76963.
76965.	76967.	76969.	76971.	76975.	76976.	76977.	76979.
76980.	76981.	76987.	76988.	76993.	76994.	82499.	82504.
82523.	82530.	82532.	82533.	82534.	82535.	82536.	82540.
82542.	82549.	82551.	82553.	82556.	82557.	82566.	82571.
82572.	82582.	82583.	82593.	88182.	88186.	88189.	88216.
88220.	88234.	88250.	88252.	88261.	88262.	88271.	93967.
93979.	93980.	93996.	94001.	94016.	94017.	94024.	94032.
94036.	94037.	94044.	94059.	94063.	94074.	94076.	94082.
94085.	97778.						

#### Appeal Proceedings (Designs)

##### Section 43

Two Appeals to the Central Government have been filed by Bharat Swiss Footwear Co. Pvt. Ltd. under Section 43 of the Indian Patents and Designs Act, 1911 in respect of Design applications Nos 131731 and 131759.

S. VEDARAMAN,  
Controller General of Patents,  
Designs and Trade Marks.